

SEQUENCE LISTING

- <110> Mirkin, Chad A.
 Letsinger, Robert L.
 Mucic, Robert C.
 Storhoff, James J.
 Elghanian, Robert
 Taton, Thomas A.
 Garimella, Viswanadham
 Li, Zhi
 Park, So-Jung
- <120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
 AND USES THEREFOR
- <130> 00-1272-C
- <140> 09/927,777
- <141> 2001-08-10
- <150> 09/820,279
- <151> 2001-03-28
- <150> 09/760,500
- <151> 2001-01-12
- <150> 09/603,830
- <151> 2000-06-26
- <150> 09/344,667
- <151> 1999-06-25
- <150> 09/240,755
- <151> 1999-01-29
- <150> PCT/US97/12783
- <151> 1997-07-21
- <150> 60/031,809
- <151> 1996-07-29
- <150> 60/176,409
- <151> 2000-01-13
- <150> 60/192,699
- <151> 2000-03-28
- <150> 60/200,161
- <151> 2000-04-26
- <150> 60/213,906
- <151> 2000-06-26
- <150> 60/224,631
- <151> 2000-08-11
- <150> 60/254,392
- <151> 2000-12-08
- <150> 60/254,418
- <151> 2000-12-08
- <150> 60/255,235
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<210> 3
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<210> 4
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gagggaaatc tcaagg 16

<210> 5
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Figure 1 consists of 11 sub-diagrams labeled (a) through (k), arranged vertically. Each diagram shows a 2D lattice structure. The lattice is composed of points, with some points highlighted in black. The structure evolves from a simple 2x2 grid in (a) to a more complex, interconnected network in (k). The diagrams show the progression of a process, likely related to the formation of a percolating network or a phase transition.

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aacttgcgct aatggcga

18

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synthetic sequence

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tctccttccc ttttc

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gaaaagggaa ggaga

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15

<210> 15

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agcatggtcg ataggatggc aactatacgc

30

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gtcgatagga aacgactcta gcgc

24

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agcatggttg ataggaaacg actctagcgc

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24

<210> 24

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24

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24

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atcctgaatg cg 72

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<211> 48

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<211> 12

<212> DNA

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tctcaactcg ta

12

<210> 34

<211> 24

<212> DNA

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24

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Page 13

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gcgtaagtcc taacgtacta acggagcaga attgccagag ttgagcat

48

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72

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synthetic sequence

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48

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tatcgttcca tcagct

16

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agaacggaaa gatcaacgag ctgatggaac gata

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aaaaaaaaaa aaaaaaaaaaa gcagacctca

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aaaaaaaaaaaa aaaaaaaaaaaaaa

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<211> 21

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<210> 75
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